

Patent Abstracts of Japan

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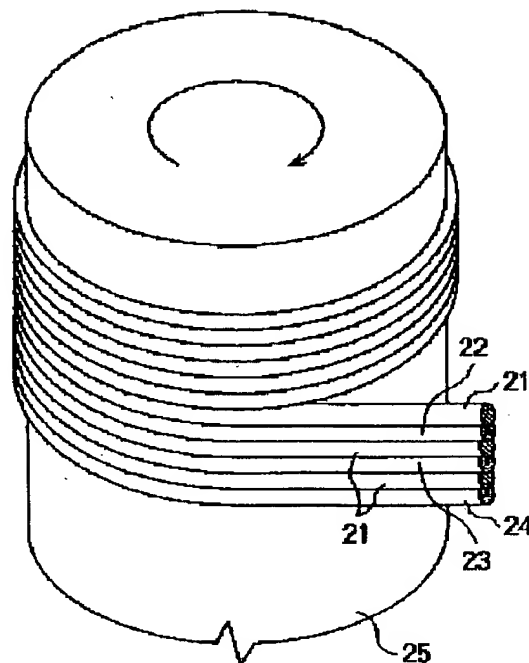
APPLICATION DATE : 18-11-96
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APPLICANT : DAINIPPON PRINTING CO LTD;

INVENTOR : ASANO MASAOKI;

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TITLE : MANUFACTURE OF PLASMA DISPLAY
PANEL MEMBER



ABSTRACT : PROBLEM TO BE SOLVED: To simplify the process and lower the cost.

SOLUTION: Using strings 21 for a barrier made of glass fiber and three-types of strings 22, 23, 24 for phosphor bodies produced by applying three-types of phosphor pastes emitting red, green-, and blue-color luminescence, respectively, to respective surroundings of strings made of resin to be burnt up by heating, barriers and phosphor bodies are formed on a substrate by orderly arranging the three-types of strings 22, 23, 24 for phosphor bodies while sandwiching the strings 21 for a barrier between neighboring strings 22, 23, 24, winding these strings on a cylindrical body 25, applying resin coating to the resultant strings to fix the strings one another, forming a sheet-like material by cutting and spreading the fixed and united respective strings in the axial line direction of the cylindrical body, sticking the obtained sheet-like material to a substrate, and firing the substrate to form barriers and phosphor bodies on the substrate. In this way, a plasma display panel member can be manufactured by easy processes of cutting and spreading the strings wound on the cylindrical body, sticking the sheet-like material to a substrate, and firing the substrate.

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